

20020923.qrp v02_n687.qrl.20020923

Date: Mon, 23 Sep 2002 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2687

QRP-L Digest 2687

Topics covered in this issue include:

- 1) [135764] New Book: Simple Test Equipment for the QRPer now shipping
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 2) [135765] NJQRP mini-meeting Sept 2002
by "Joe Everhart" <n2cx@voicenet.com>
- 3) [135766] Re: Cellulose thinners
by "Mike Yetzko" <myetzko@insydesw.com>
- 4) [135767] RE:Can Sizes
by Karl Kanalz <kkanalz@gceecisp.com>
- 5) [135768] Replacing final on NC40A?
by "George Heron N2APB" <n2apb@erols.com>
- 6) [135769] Homebrewer Sprint in progress
by "George Heron N2APB" <n2apb@erols.com>
- 7) [135770] Custom great-circle maps online?
by John Harper AE5X <ae5x@qsl.net>
- 8) [135771] Re: Custom great-circle maps online?
by Dave Marling <ve1vq@auracom.com>
- 9) [135772] Re: Homebrewer Sprint in progress
by Fghester@aol.com
- 10) [135773] Re: Rig info: Meissner Signal Shifter, model EX
by Bob Nielsen <nielsen@oz.net>
- 11) [135774] RE: Great Circle Maps
by "Bill Dittrich" <rwddittrich@hotmail.com>
- 12) [135775] Re: Custom great-circle maps online?
by Bob Nielsen <nielsen@oz.net>
- 13) [135776] Re: Rock Mite for 20m
by Lloyd Lachow <llachow@yahoo.com>
- 14) [135777] Re: ANT: Supporting Portable Masts (long)
by Michael Babineau <michael.babineau@sympatico.ca>
- 15) [135778] Re: Rock Mite for 20m
by Lloyd Lachow <llachow@yahoo.com>
- 16) [135779] Auxillary audio amplifier on SWXX+ rigs
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 17) [135780] QRP Afield--the Big Raspberry (loooooong...)
by "Dave Ek" <ekdave@earthlink.net>
- 18) [135781] Re: Auxillary audio amplifier on SWXX+ rigs
by "blinn" <blinn@smgazette.com>
- 19) [135782] OP: The Joy of Slopers and the Genius of Dave Benson

- by Kenneth Hoglund <hoglund@wfu.edu>
- 20) [135783] Another Google Gem
by "Tom Curtola" <tcurtola@rogers.com>
- 21) [135784] Homebrew Sprint
by "Jerry Ford" <benlightnd13@mchsi.com>
- 22) [135785] WTB:Rock Mite for 20 Metres
by "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
- 23) [135786] Re: Custom great-circle maps online?
by "tmyers" <tmyers@academicplanet.com>
- 24) [135787] Re: OP: The Joy of Slopers and the Genius of Dave Benson
by Alex <kr1st@amsat.org>
- 25) [135788] Re: OP: The Joy of Slopers and the Genius of Dave Benson
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 26) [135789] K2
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 27) [135790] Great circle map program - got it!
by John Harper AE5X <ae5x@qsl.net>
- 28) [135791] Re: "Anderson PowerPole"
by Tim and Michele Groat <tmgroat@peakpeak.com>
- 29) [135792] Non-resonant groundplane verticals?
by "JAKidz" <jakidz@pullman.com>
- 30) [135793] NJQRP Homebrewer Sprint - WQ2RP Results
by "Ken Newman" <n2cq@dandy.net>
- 31) [135794] Re: S-parameters
by Bob Liesenfeld <robert.liesenfeld@neicoltech.org>
- 32) [135795] Re: Replacing final on NC40A?
by "J. W. (Dub) Thornton" <dub@oklahoma.net>
- 33) [135796] QRP-AFIELD Surprise - K7RE What a Blast!
by Brian Kassel <bkassel@mato.com>
- 34) [135797] Measuring input/output impedance with resistors
by k4vib@att.net
- 35) [135798] Argonaut V Comments Welcome
by "Bruce Prior" <n7rr@hotmail.com>
- 36) [135799] Fw: Another stupid question
by "Jerry Ford" <benlightnd13@mchsi.com>
- 37) [135800] ON7GB, too, on 10
by NB6M@aol.com
- 38) [135801] Happy Dance here on 10 Meters
by NB6M@aol.com
- 39) [135802] QRP Afield
by Jeff Strandberg <wv3b@us.net>
- 40) [135803] Audible Z-match tuner
by "Jerry Ford" <benlightnd13@mchsi.com>
- 41) [135804] How Much do I Operate?
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 42) [135805] Re: How Much do I Operate?
by "Tim, N9PUZ" <n9puz@arrl.net>
- 43) [135806] Re: How Much do I Operate?

by brian@iquest.net

44) [135807] NorCal Doublet Antenna
by "Doug Hendricks" <ki6ds@dph.dpol.net>

45) [135808] Re: Non-resonant groundplane verticals?
by "W3CDE Jerry L." <w3cde@bellsouth.net>

46) [135809] Re: How Much do I Operate?
by W2AGN <w2agn@w2agn.net>

47) [135810] Re: How Much do I Operate?
by Thomas Jennings <jennings@eznet.net>

48) [135811] Re: How Much do I Operate?
by "Walter AG5P" <walter@accessus.net>

49) [135812] Re: How Much do I Operate?
by Donn Kuse <casey.jay@gte.net>

50) [135813] Re: How Much do I Operate?
by "J. W. (Dub) Thornton" <dub@oklahoma.net>

51) [135814] Re: [How Much do I Operate?]
by "P. Ermisch" <ermisch@usa.net>

52) [135815] Re: How Much do I Operate?
by "Rich Wilkerson" <richqrp@cox.net>

53) [135816] Re: How Much do I Operate?
by "John Huffman" <hjohnc@core.com>

54) [135817] Re: How Much do I Operate? AL7FS
by Jim Larsen - AL7FS <JimLarsen2002@alaska.net>

55) [135818] RE: How Much do I Operate?
by "Tracy Markham" <tracy@bytemark.com>

56) [135819] Re: How Much do I Operate?
by "Michael Melland" <w9wis@charter.net>

57) [135820] Re: How Much do I Operate?
by Jimmy Lee <jrlaudio@bellsouth.net>

58) [135821] Re: How Much do I Operate?
by Hank Kohl K8DD <k8dd@arrl.net>

59) [135822] Re: Non-resonant groundplane verticals?
by Bruce Muscolino <w6toy@erols.com>

60) [135823] Re: How Much do I Operate?
by John Harper AE5X <ae5x@qsl.net>

61) [135824] Re: How Much do I Operate?
by John Harper AE5X <ae5x@qsl.net>

62) [135825] Re: How Much do I Operate?
by Bruce Muscolino <w6toy@erols.com>

63) [135826] Re: How Much do I Operate?
by "John J. McDonough" <wb8rcr@arrl.net>

64) [135827] How Much Do I Operate?
by Bill ROWLETT <kc4atu@yahoo.com>

65) [135828] Re: How Much do I Operate?
by Larry - WA2DGD <wa2dgd@comcast.net>

66) [135829] Re: How Much do I Operate?
by "Jeff Mitchell" <jeffmit@datastratinc.com>

67) [135830] Re: How Much do I Operate?

- by Michael McCarty <k6mmc.qrp@thehunted.net>
- 68) [135831] "Half-Brew" and gears!
by "Tracy Markham" <tracy@bytemark.com>
- 69) [135832] Re: "Half-Brew" and gears!
by "Bill Jones" <kd7s@psnw.com>
- 70) [135833] Re: How Much do I Operate?
by Macstein@aol.com
- 71) [135834] PCB UV exposure frame for swap
by n5ib@juno.com
- 72) [135835] Re: How Much do I Operate?
by "Juan Ferrari" <puntrad@usa.net>
- 73) [135836] Re: How Much do I Operate?
by Lew Paceley <lew@paceley.com>
- 74) [135837] RE: How Much do I operate?
by Kenneth Hoglund <hoglund@wfu.edu>
- 75) [135838] Re: How Much do I Operate?
by David Gauding <david.gauding@bbs.galilei.com>
- 76) [135839] Re: How Much do I Operate?
by Len Revelle <lenrev@ameritech.net>
- 77) [135840] How Much do I Operate?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

Date: Sun, 22 Sep 2002 15:02:41 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Cc: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>,
"Graham Firth" <graham@g3mfj.fsnet.co.uk>
Subject: [135764] New Book: Simple Test Equipment for the QRPer now shipping
Message-ID: <00e601c26283\$c88cbe60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, the printer will deliver to me on Friday the first printing of Tony Fishpool and Graham Firth's new book. It is a book that puts into print their delightful talk that they have given at Pacificion, Arkiecon, Atlanticon, HamCom and Ft. Tuthill, in short, all of the big QRP Forum venues. Everyone of their talks have been standing room only, and the book will be just as delightful.

It is a construction project book, and contains the following articles:
Simple Signal Generator
Current Limiting Power Supply
Spectrum Wavemeter
Marker Generator

Noise Generator
Noise Bridge
Resistive SWR Bridge
Audio Amplifier
Construction Techniques
Hand Held Pad Cutter
R.F. Probe
A.F. Probe
Switched Attenuator
C.W. Monitor
Dummy Loads
Field Strength Meter
Gate Dip Oscillator
Improved Noise Generator
Sweep Oscillator
Crystal Tester

That's a total of 20 articles packed into a 58 page book that is bound to lie flat on your bench, and has a heavy cardstock cover. All of the articles have schematics and parts lists, plus many have parts layout suggestions. If you heard Tony and Graham give one of their talks and wished that you had a copy of the circuits so that you too could build these neat projects, now you can. The price of this wonderful book is only \$10 plus \$2 shipping and handling. The first press run was 100 copies, and they will go fast. To order: Send a check or money order made out to Doug Hendricks for \$12 per copy of the book to:

Doug Hendricks
ATTN: QRP Book
862 Frank Ave.
Dos Palos, CA 93620

Books will be shipped via first class mail in a plain brown envelope, grin. This is an ideal book for the builder of QRP radios. Now you can have a whole winter of building projects that you will use over and over again as you pursue your QRP building hobby. 72, Doug, KI6DS

Date: Sun, 22 Sep 2002 19:05:47 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "njqrp" <njqrp@njqrp.org>
Cc: "qrpl" <qrpl@lehigh.edu>
Subject: [135765] NJQRP mini-meeting Sept 2002
Message-ID: <002b01c2628d\$6a9ed4a0\$e93947d1@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

Our meeting this month was kind of a mini-meeting.

We had no agenda and only the loose theme of setup for the QRP Afield operating event.

Apparently it was not much of a *draw* since only a handful of folks showed up for this outdoor event at the infamous Grovers Mill site in Van Nest Park.

In attendance were K2SZ, WA2DJN, WB2ZKW, K2FD, AA2BN, N2GJ, N0YMV, W2TAG, WA2ZST, K2IFE and N2CX.

David, N0YMV brought along his latest "find" a surplus GPS receiver which he demonstrated QRP style runnning from a gel cell and using a battery-powered laptop for display. Undaunted by lack of a commercial antenna, he duplicated one described in the latest QST.

He compared reception using his "barefoot" antenna with an amplified antenna that Jerry N2GJ brought along.

Two stations were set up, interestingly both with small verticals. John, AA2BN brought along both a homebrew PAC-12 and an MP-1 He concentrated on 40 cw using his DSW30. He reported excellent results in a short operating period.

Joe N2CX set up a PAC-12 on 20 and managed a couple of contacts. Operation was hampered slightly by presence of a mysterious S-9 broadband noise signal. This was strange since the park is a big open field removed over 100 yards from the nearest dwellings and power lines.

A little investigation showed that it was EMI from a homebrew power supply that David was using for his GPS receiver. Dang those switchers! Once the problem was found, David shut down and operation continued. the PAC-12 made a good showing for a ground mounted antenna and a 2 watt rig but was not able to snag WQ6RP, W2AGN and K2SWL who were heard repeatedly.

All in all it was a great day for an outdoor event and Van Nest Park once again excelled as a great place for quick outdoor ham events.

72/73,

Joe E., N2CX

Date: Sun, 22 Sep 2002 19:29:53 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <leon_heller@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135766] Re: Cellulose thinners
Message-ID: <006901c2628f\$f6ed7e00\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Leon Heller" <leon_heller@hotmail.com>

> I had a few emails about the 'cellulose thinners' solvent I use for
removing
> the resist on my PCBs. I just had a look at the container and the stuff
is
> actually xylene. The little tin I bought a couple of years ago is still
> about 3/4 full (or 1/4 empty, for pessimists).

Wouldn't an optimist from this group properly think 1/4 used for neat
QRP projects?

Mike

Date: Sun, 22 Sep 2002 19:15:31 -0500
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'leon_heller@hotmail.com'" <leon_heller@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135767] RE:Can Sizes
Message-ID: <01C2626C.B68429E0@KKANALZ>

Actually, Leon, the can is neither 3/4 full or 1/4 empty (for pessimists).

The can is simply the wrong size!

Daffynition: An optimist is an un-married man.
A pessimist is a married optimist!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Leon Heller [SMTP:leon_heller@hotmail.com]
Sent: Sunday, September 22, 2002 11:44 AM
To: Low Power Amateur Radio Discussion
Subject: Cellulose thinners

I had a few emails about the 'cellulose thinners' solvent I use for removing the resist on my PCBs. I just had a look at the container and the stuff is actually xylene. The little tin I bought a couple of years ago is still about 3/4 full (or 1/4 empty, for pessimists).

73, Leon
--
Leon Heller, G1HSM

Date: Sun, 22 Sep 2002 20:18:19 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [135768] Replacing final on NC40A?
Message-ID: <005801c26298\$90736d70\$c6cf3ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some time ago there was good article written on replacing/upgrading the final transistor of an NC40A ... wonder if anyone recalls which magazine and issue it was in? Or the author? Or any direct advice for doing this?

TIA.

73, George N2APB
n2apb@amsat.org

Date: Sun, 22 Sep 2002 20:40:19 -0400

From: "George Heron N2APB" <n2apb@erols.com>
To: "NoVAQRP" <NoVaQRP@topica.com>,
". Eastern PA QRP Club" <EPA-QRP@yahoogroups.com>,
Subject: [135769] Homebrewer Sprint in progress
Message-ID: <006d01c26299\$ccaf3cf0\$c6cf3ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRP Homebrewer Sprint is in progress right now! Hope to catch many of you on the air.

72/73, George N2APB n2apb@amsat.org
& Ken N2CQ n2cq@arrl.net

=====
NJQRP Homebrewer Sprint

FALL --> Sept 23, 2002 0000-0400 UTC
(Sunday evening in the US)

Put down the soldering iron and get on the air with other QRP homebrewers! The NJQRP and "QRP Homebrewer" magazine are sponsoring this fun, quick and easy QRP sprint ... with a homebrew twist! Includes PSK31 mode and multipliers for home-built gear. Prizes for the winner(s) and special certificates for all.

Mission: Promote homebrewed & homemade equipment on the air together.
(Kits count for homebrew). Anyone with ANY equipment can enter.

Sponsor: New Jersey QRP Club (<http://www.njqrp.org>)

When: The fourth Monday in March and September 0000-0400 UTC
(Sunday evening in USA/Canada)

Modes: CW and PSK31. (Both modes considered separate bands)
QRP CW and PSK31 frequencies recommended on 80, 40,
20, 15 and 10 meters.

Exchange: RST - State/Province/Country - Power out

QSO Points:
2 Commercial Equipment
3 Homebrew Xmtr or Rcvr
4 Homebrew Xmtr AND Rcvr or Xcvr

5 Homebrew PSK31 station
(Kits are ok for homebrew)

Power Mult: 0>250 mW = x 15, 250 mW>1W = x10, 1-5W = x7, >5W = x1.
(The highest power used during the contest for the mult.)

Multiplier: State/Province/Country for all bands. The same station
may be worked on more than one band for QSO points and
SPC credit. CW and PSK31 are considered separate bands.

SCORE: Points(total for all bands)
x SPC (total for all bands)
x power multiplier.

AWARDS: Awards of current NJQRP Club kits or subscriptions to
"QRP Homebrewer" will be provided based on the number
of entries received. Special certificates will also be
awarded.

LOGS: Entries must be received by 30 days from the contest. The
log sheets and summary should be included. E-mail logs
are accepted in text form. (No word processor files
etc).

Also paper logs are ok.

Please include your Soapbox info with your equipment
and exploits.

Send logs to:

Ken Newman, N2CQ
81 Holly Drive
Woodbury, NJ 08096

or send by email to n2cq@arrl.net

Rules at: <http://www.njqrp.org/data/qxphomebrewersprint.html>

Date: Sun, 22 Sep 2002 20:50:14 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [135770] Custom great-circle maps online?

Message-ID: <000501c2629b\$2f6b9db0\$6501a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Evenin,

Does anyone know of a web site that will allow you to type in a latitude/longitude and get a great circle map centered on that location?

Thanks and 72,

John Harper AE5X
Outdoor QRP: <http://www.ae5x.com>

Date: Sun, 22 Sep 2002 22:03:17 -0300
From: Dave Marling <ve1vq@auracom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135771] Re: Custom great-circle maps online?
Message-ID: <5.1.0.14.0.20020922220210.023864d0@mail.auracom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Try <http://www.wm7d.net/azproj.shtml/>

I've been using the site for several years now.

Dave
VE1VQ

Date: Sun, 22 Sep 2002 21:25:08 EDT
From: Fghester@aol.com
To: n2apb@erols.com, qrp-l@lehigh.edu
Subject: [135772] Re: Homebrewer Sprint in progress
Message-ID: <26.2e35e9a8.2abfc774@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just taking a quick break here in central Illinois from same. Bands darn

good here and about 15 Qs so far. Worked VE3VA from Ontario on 40 with his 1 watt & my 5W with 35 foot double zepp in attic! Great fun!! / Woody / WD9F

Date: Sun, 22 Sep 2002 18:27:21 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135773] Re: Rig info: Meissner Signal Shifter, model EX
Message-ID: <20020923012721.GA5736@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I remember in the early 1950's a friend of mine a few miles away had a Signal Drifter driving a pair of 304-TLs (the plates of which would turn white-hot when you keyed). One day I heard him and his signal was only about S-4. I called and asked him what had happened and then he realized that he hadn't turned on the amp at all and I was hearing either the feed-through or stray radiation from the Meissner.

Bob, N7XY

On Sun, Sep 22, 2002 at 02:29:49PM -0400, W3CDE Jerry L. wrote:

>
> George,
>
> I did have one of the original Meisners with plug in coils
> also.
>
> The TZ40 rig was in a 6 foot rack! With the EX as a VFO for
> it.
>
> Jerry
> W3CDE
>
> "George, W5YR" wrote:
> >
> > I had the later model with the rotating turret containing all the coils. An
> > 807 final. A real "drifter" They weren't called Signal Drifters" nor
> > nothing. Used it in late 40's, mostly on 11 meters when it was a ham band
> > and 10 wasn't open.
> >
> > Sounds like you had the pre-war original Signal Shifter with the plug-in
> > coils.
> > Not many of those around any more . . .
> >
> > 73/72, George

> > Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> > Amateur Radio W5YR - the Yellow Rose of Texas
> > In the 57th year and it just keeps getting better!
> >
> > "W3CDE Jerry L." wrote:
> > >
> > > AH, the glory of "glow in the dark radio"!! I remember my EX
> > > with a lonely heart. Sure miss it. I worked the world on 20
> > > CW in the mid 1950's with it. I worked quite a few TV sets
> > > with it tooo. 8-). A great driver for a big rig running 120W
> > > input to a TAYLOR TZ40 and plate modulated with TAYLOR TZ20's.
> > > It also had real plug in coils for band changing an link
> > > coupling to the antenna. Ah the "good ole days".
>

Date: Sun, 22 Sep 2002 21:26:13 -0400
From: "Bill Dittrich" <rwddittrich@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [135774] RE: Great Circle Maps
Message-ID: <F779U7FkMM7yHJrzVyX00004ffe@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

simple Google search produced the following free program...

""Some of my programming handiwork...
Here's an example of the output of 'az_proj', a freely re-distributable
postscript program, capable of drawing "great circle" maps for any point on
the earth. It maybe ftp'd from
ftp://nic.funet.fi/pub/ham/antenna/azprj104.zip.
and ftp://oak.oakland.edu/pub/hamradio/dos/ham-utils/azprj104.zip.
The program was written by Michael (NV3Z) and Joe (NA3T) and was described
in a paper presented at the 1994 Central States VHF conference.

For a tour of it's capabilities visit the azproj home page at
<http://www.wm7d.net/azproj.shtml>.

For more information on az_proj, e-mail Joe at

mack@ncifcrf.gov
""

Hope this helps!

72

Bill D

KC2KF0

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Sun, 22 Sep 2002 18:29:59 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135775] Re: Custom great-circle maps online?
Message-ID: <20020923012959.GB5736@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sun, Sep 22, 2002 at 08:50:14PM -0400, John Harper AE5X wrote:
> Evenin,
>
> Does anyone know of a web site that will allow you to type in a
> latitude/longitude and get a great circle map centered on that location?

I don't know of any web sites that do that, but you can download
w6elprop (<http://www.qsl.net/w6elprop/>) which is a great propagation
prediction program that also prints nice great circle maps.

73, Bob N7XY

Date: Sun, 22 Sep 2002 19:02:36 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: QRP-l <qrp-l@lehigh.edu>
Subject: [135776] Re: Rock Mite for 20m
Message-ID: <20020923020236.99206.qmail@web10004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Brian wrote:

The mailman cometh, and LEFT ME A ROCK MITE 20!!!

Well, he cometh here, too, and DID THE SAME THING!!!

Except, in my case, this will be THE FIRST RADIO
THINGIE I EVER BUILT EVER, except a crystal set in the

50's. I'm gonna hafta figger out where to attach the jacks and connectors, and switch, and which ones to get, 'cause Dave rightly figgers that we all know that stuff...but it's the learning experience I'm really after, so I'm PSYCHED!!
Soon, my K1 will be my QRO base rig! Yeehaww!

72 es oo,

Lloyd, K3ESE

Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
<http://sbc.yahoo.com>

Date: Sun, 22 Sep 2002 22:04:36 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: leadsheet@musician.org, qrp-l@lehigh.edu
Subject: [135777] Re: ANT: Supporting Portable Masts (long)
Message-ID: <CF94B63A-CE98-11D6-92B0-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v546)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Jerry :

Here is what I did to support my 25ft fiberglass fishing pole.

Measure the outside diameter of the base of your pole and visit your local home depot or other hardware store. What you need to buy is a 3ft length of ABS pipe that has a large enough inside diameter for the pole to fit into (but not too large), an ABS cap to fit the pipe, 2 large stainless steel hoseclamps (large enough to go around the pipe with some extra room), and a 3ft section of aluminum angle stock that is large enough that the ABS pipe can fit against it.

I ended up with

a 3 ft piece of 1 1/2" abs
a 1/8" X 1 1/2" x 3' aluminum angle stock

I cut the abs pipe to 16" and glued the cap on one end.
I cut the angle stock to approx 24" with a hacksaw and then made a v-cut to
make one end of the stock pointy (ie it becomes a metal stake).

Here is where a picture would be worth a thousand words

Nest the abs pipe into the V of the angle stock so that the open end of the pipe is up and the pointy end of the angle stock is down and secure with the two hose clamps.

You will want to make sure that about an inch or so of the stock protrudes above the abs pipe as this is what you pound on with a rubber mallet to get in into the ground. Then extend your fishing pole and drop it down into the open abs pipe and you are in business.

This will give you about 7 or so inches of stake in the ground which will work ok on grass. If you plan to use it on the beach or in more loosely packed soil I suggest increasing the length of the piece of angle stock so that you have maybe a foot that you can pound into the ground.

I suggest that you use a rubber mallet as a hammer will tend to dent the aluminum. If weight isn't an issue you could use a steel angle stock and perhaps a small sledge as this would work much better if you have to contend with slightly rocky soil.

One other hint if you are a perfectionist and want to minimize lean resulting from not driving the stake in straight you can buy a plastic Post and Pipe level that you can attach on to the stake with an elastic when you are driving the stake into the ground.

I recently used this setup to operate from 3 different lighthouses on the east coast.

Using a bigger diameter abs pipe and slightly larger angle stock you could extend this concept to make a support of a DK9SQ mast or the MFJ equivalent.

Michael VE3WMB

P.S. If you want some hints on antennas read on.
If you are only looking to work the high bands (ie 10m thru 20m) try using a vertical doublet taped to the fishing pole. Since my pole was only 25 ft I made a 24ft doublet using a small PVC pipe T fitting as the center insulator ... and fed it with lightweight TV twin lead. The flat part of the T with a hole in each end becomes the dipole insulator ... the bottom part of the T is used for strain relief for the feedline connection (secure the twinlead to the the bottom of the T using a couple of small plastic cable ties). I mount the T insulator against the fishing pole using a 3 inch piece of black foam water pipe insulation wrapped around the pole to protect it .. then I use plastic cable ties around the T and the foam insulation to secure the top and bottom of the insulator to the fishing pole. I found that even though a 24ft antenna is a bit small for 20m it still radiates quite effectively and the advantage of using a vertical doublet is that you can operate without any supports other than the pole ... just keep the kiddies away from the base. With an MFJ or DK9SQ mast you could come very close to a full sized vertical dipole for 20M and could easily cover 30m with this antenna as well.

If you want to operate the antenna in an inverted vee configuration, simply drill a 3/8" hole down through the top of the T insulator and slide the T insulator over the top of the fishing pole. This allows the center insulator to slide down to usually about the second section of the pole which can better support the weight/tension of the inverted Vee than the very thin top section of the pole. It sacrifices a couple of feet in feedpoint height for the preservation of the top section of the fishing pole.

See LB Cebiks article on vertical doublet antennas at www.cebik.com.

Date: Sun, 22 Sep 2002 19:06:48 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: QRP-l <qrp-l@lehigh.edu>

Subject: [135778] Re: Rock Mite for 20m
Message-ID: <20020923020648.944.qmail@web10003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Alright, my SOC propensities are surfacing again...didn't really need to repeat that post...sorry for the bandwidth, folks.
Since we're on the subject, though, the 'Mite should be QRV in a day or two...my first smoke test is approaching! I'll report on the Happy Dance or the Weeping and Gnashing...

=====

73, Lloyd, K3ESE
K1 # 00379 - ARRL
ARS #1301 - FISTS #8774
FPqrp #476 - QRParci #11147
QRP-L #2415 - SOC #530
HGT #6'1 - Wgt #190 - BT #B-

Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
<http://sbc.yahoo.com>

Date: Sun, 22 Sep 2002 22:21:12 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-l@lehigh.edu
Subject: [135779] Auxillary audio amplifier on SWXX+ rigs
Message-ID: <5.1.0.14.1.20020922220927.00a62470@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Awhile back, someone asked about adding additional audio stages to a SWxx+ series rig to be able to drive a speaker. I didn't respond at that time as I had not tried the following adding an additional audio amp. to that rig. I've since done it, and it works just fine.

The audio amplifier that I added was a K8IQY Islander Amplifier, published in NJQRP Homebrewer Magazine #6, and detailed on the web at: <http://www.njqrp.org/qhbextra/6/6g.html>

You can build the amplifier Manhattan-style, either with the Islander cutter, or, by glueing 1/32 inch thick pads to where the Islander cut pads would be. Using SMT parts is also optional; I've built

the amplifier both ways, with equal results.

Attached to my homebrew, Manhattan-style SW30++, this amplifier will drive a modest speaker to room filling volume. Actually, far more than is needed for normal listening.

The NJQRP gang was selling an amplifier kit, but I didn't see it listed on their web site at the moment. Not to worry, all of the parts are available from Mouser, and other major suppliers I'd guess.

72,

Jim, K8IQY

Date: Sun, 22 Sep 2002 20:55:35 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <n0tu@mail.codenet.net>, <CBates1122@aol.com>
Subject: [135780] QRP Afield--the Big Raspberry (loooooong...)
Message-ID: <006c01c262ac\$b0de2280\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Time for yet another post on QRP Afield...

Steve N0TU, Steve N0MHQ, and Dave NK0E (me, the one who's not Steve) set out on the trail at 7 AM to conquer, camp, and emit RF from the top of Raspberry Mountain, just west of Monument, Colorado and north of our usual Field Day camp on Mount Herman. Although probably no more than a mile and a half in length, the trail starts at 7400 ft ASL and climbs at a 30-degree slope in places, finishing on the top of Raspberry mountain at 8600 ft ASL. On this day, especially with our overstuffed packs, the top of the mountain had to be *earned*. We hiked straight to the west from the trailhead, following the draw between Raspberry Mountain and Mt. Herman until we reached the ridge line between the two. Many places on the trail were so steep that we could just about touch the ground with our hands as we leaned forward to keep from falling backwards. We paced ourselves and reached the top of Raspberry in a little less than two hours, and a few minutes later found our campsite--a secluded clearing with plenty of trees on a thumb jutting out to the west of the main ridgeline (39d 5m 29s N, 104d 55m 45s W). Well off the trail, it offered excellent antenna supports and many good spots for tents. All it

lacked was a creek, but we knew that and were each carrying a gallon or more of water for the trip.

After spending the usual few minutes rejoicing at having dropped our packs, we set out to erect our antennas and get on the air, as the contest had already begun. The trees sensed this, and repeatedly they thwarted our efforts to put lines into them, either repelling the rocks attached to our strings, or eating the string entirely. Both Steve N0TU and I had antenna support strings consumed. Do you remember Charlie Brown's kite-eating tree? We found the kite *string* eating trees! But Steve N0MHQ came to our rescue, making daring throws and snagging the stuck lines (and the rocks to which they were tied) with yet another line and removing them from the trees, denying the carnivorous trees a meal. Finally we each got support lines up and back to the ground. I erected my half-size G5RV in an inverted vee, and Steve N0TU put up his Norcal doublet in the same configuration.

Steve N0MHQ, once he finished sniggering at the foibles of the others, launched his own antenna, an inverted Y for 20 meters. Steve's antenna is seldom used in the field (at least as far as I can tell) but is quite easy to put up and is a good performer. It's simply a 1/4 wave vertical with the feed point elevated so that the two radials extend downward at 45 degree angles. Pruned for resonance on 20m when first constructed, it requires no tuner when used on 20m, is very lightweight, and doesn't require much feedline. In addition, only one wire goes up into the tree, meaning that there are no radiators to untangle from branches as you pull them out to the side like you would for a dipole. Steve N0TU and I both listened to this antenna through N0MHQ's SST and were impressed at the performance. Steve N0MHQ's entire portable station would fit inside the empty case of a K1!

While N0MHQ was using his SST, Steve N0TU and I both had K1 four-bangers with the ATU option--essentially identical rigs. N0TU used a BNC-to-banana plug adapter to connect his balanced feedline to his K1, without any balun, and reported good results although in some cases the geometry of the feedline had to be adjusted. After some lunch we jumped on the bands, finding 20m very active but 15m less so. There were many European stations on 15m, too, in a different contest. Doc K0EVZ was probably the first contact for everybody in the group, as his signal was a veritable beacon on 20m early in the contest. It was fun for me to work familiar call signs throughout the contest--it'd been awhile since the last time I was on the air.

Note to competitive QRP Afield'ers--don't compete in field contests from a scenic location in the field. We all found the surroundings to be distracting with their beauty, and the urge to explore and commune with nature was strong. We found ourselves operating almost sporadically throughout the contest period, taking frequent breaks to stretch our legs, enjoy the view, and to go exploring. It was truly a beautiful day--sunny without being stifling, slightly breezy without being windy. To only sit and play radio

would be to waste the opportunity to enjoy just being there. So, our scores will probably be lousy.

We swapped bands periodically, as you might expect, and on one of my stints on 15m things really seemed to be quiet, but European stations working a different contest were really booming in. Now, this is kind of a new experience for me, as I don't chase DX much and don't really hear it much from my shack. But as I was hunting for QRP Afield'ers, I stumbled upon SK3W calling CQ TEST. After listening to a few exchanges I figured out the that exchange was just RST and a serial number. So, I gave him a call with my five watts and wire antenna from my mountaintop shack. He came back to me the first time! (Okay, I know that many of you guys do this routinely, but still, how cool is it to work a station in Sweden when you're running 5W from a mountaintop?) I worked three other stations pretty easily--oh0ta, sk0x, and oh6ac.

Activity in the QRP contest was a little sporadic at times. I spent a fair amount of my on-air time calling CQ, and would run a few stations and then nothing for several minutes. I was using my Golog logging program on the Palm and my Serial CW Sender for handling the keying, and it was really working pretty well for handling all the logging, duping, and sending tasks.

Things quieted down for us in the evening--we took time off to cook and eat our suppers on a rock ledge overlooking another ridgeline to the west, and we were treated to a fine sunset. Temps dropped quickly after that, with Steve N0TU retreating to his tent early (with his rig), and I packed up my rig at about 8:30 PM.

Temps reached about 35 deg F by morning, and I wasn't eager to climb out of my sleeping bag until the sun rose. A mist hung in the air and obscured any real sunshine until 9:30 AM or so. Steve N0TU spent the early morning hours draining our last battery, and worked several stations while running 500 mW. We finally packed up and left our campsite about 10:45 AM, taking a different trail back down the mountain. Unfortunately, none of us really knew where the trail would lead us, and eventually we hopped off the trail and bushwacked through dense pine forest and fields of scrub oak back in the direction we knew we had to go. Finally, we found the trail we wanted and got back to the car, tired but pleased with our trip. A couple miles later we were at N0TU's house, enjoying one of his homebrewed beers and telling each other what a great weekend it was.

To recap:

Feet of elevation gained: 1200

Miles hiked: 5

Stations worked: 50

Enjoying Raspberry Mountain: Priceless.

Hope your QRP Afield outings were as great as ours!

73 de Dave NK0E

P.S. Pictures coming soon on my web site.

P.P.S. Ask Steve N0TU why he's missing a page of his contest log.

Date: Sun, 22 Sep 2002 20:05:11 -0700
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [135781] Re: Auxillary audio amplifier on SWXX+ rigs
Message-ID: <000501c262ae\$08ced740\$ce8aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, this is an excellent way to add full blown volume to the SW rigs.
I've been using this circuit in my SW 20 for almost a year now and have
recently built and installed one in a home-brew DC 40 meter receiver.
Thanks Jim, for this great little circuit.

I used my own version of the island cutter, a regular drill bit shaped with
a Dremel Tool to cut the islands.

Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.381 / Virus Database: 214 - Release Date: 8/2/02

--

Date: Sun, 22 Sep 2002 23:11:31 -0400

From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [135782] OP: The Joy of Slopers and the Genius of Dave Benson
Message-ID: <3D8E8663.37F16A5@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

For several reasons I've been working with temporary antennas--when I can get some radio time in.

This weekend put up a 20m dipole 'sloper'--Top end is about 16.5 feet about ground--bottom end in anchored to the ground under a rock. The idea was to use it for the HB sprint tonight, but storms in the area killed that possibility.

In checking things out this afternoon, I hooked it up to the SWL 20m White Mountain SSB rig. Worked a special event station in Northern Michigan without a problem, so was surprised at the signal getting out so well.

Then heard KK7UF calling CQ for the Salmon Run; thought 'heck, he won't hear me, but why not?' Guess what?? Took a couple of runs (he said it was qrm on his end) and he gave me a 59. Best part---the 'sloper' top is due south, bottom end due north, and Tonasket, Washington 2,144 miles to the NW.

So for a simple installation, a sloper sure is a surprise. And I don't know how much 'mojo' (I think it's called "Moxie" in New England) Dave put into these little rigs, but that's a long way for those 3 little watts to travel when they have to leave from such a dinky antenna.

73

Ken KG4FGC

Date: Sun, 22 Sep 2002 23:44:28 -0400
From: "Tom Curtola" <tcurtola@rogers.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [135783] Another Google Gem
Message-ID: <001301c262b3\$86c7bc20\$f44a9c18@bloor.phub.net.cable.rogers.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm sure others have stumbled upon this, but if you go to this link on google's site,

<http://catalogs.google.com/>

then click on consumer electronics, then radio you'll find a lot of good ham catalogs online. Unlike their HTML counterpart, these appear to be the actual catalog the manufacturers put to print. I like the layout and the ability to zoom in and turn pages one at a time.

Tom Curtola
VA3TY
Toronto, Ontario

Date: Mon, 23 Sep 2002 12:02:08 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [135784] Homebrew Sprint
Message-ID: <002d01c26322\$f45bf3e0\$6d74da0c@mchsi.com>

Well, another one is in the bag!! I had a great time and just wanted to say thanks to those of you who tolerated my rusty fist once again.

I ended up with 42 Q's for the night with 11 of those on 20 and 31 on 40.

I heard a bunch of folks that I didn't get a chance to work due to the QRM on 40.

I felt like the guy driving his Volkswagon down the highway in between a bunch of 18 wheelers for awhile.

I wonder if you guys that are Fist members might ask those folks to QSY just a little bit so we can have more that 3KC's to work.

Between the QRO folks moving up as high as 7.039.3 and the SSB from lord know where that came in right on 7.040 for the last 30 minutes of the test and the wonderful digital players that like to move in around 7.042, man it gets a little tight sometimes. Then our Canadian friends on SSB running a KW or so just so they can hear each other over our monstrous signals!!

Ok, I'm done now!! Just had to get that off my chest!!
I had just as much QRM in the room with me in the form of a 3 yr old
playing Spider Man on the back of my chair.
Spider Man?? What happened to cowboys and indians?? I must be
getting old.

Doc: Thanks for the nice QSO after the test.
Gave me a chance to work out sum of the rust. Maybe we can do it QRO
(what did he say?) next time so we can go longer / easier

See everyone the next time: I hope you all had a super time.

72 / 73 to the gang: Jerry N0JRN

Date: Mon, 23 Sep 2002 2:39:48 -0500
From: "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [135785] WTB:Rock Mite for 20 Metres
Message-ID: <412002912373948167@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Here's a wild shot in the dark....but here goes = anyone have a fully
assembled and working Rock Mite for 20 Metres? Needs to be installed in
some kind of enclosure. If so, please let me know. Fingers crossed here
[g].

73,
--Doc/K0EVZ

Date: Mon, 23 Sep 2002 09:29:02 -0500
From: "tmyers" <tmyers@academicplanet.com>
To: <ae5x@qsl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135786] Re: Custom great-circle maps online?
Message-ID: <000a01c2630d\$91eabd00\$0100a8c0@newkid>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Go to SM3GSJ website. He has a good freeware program to do that on his site. You can download the program.

KQ5U, Terry
Spring, Texas

----- Original Message -----

From: John Harper AE5X <ae5x@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, September 22, 2002 19:50
Subject: Custom great-circle maps online?

> Evenin,
>
> Does anyone know of a web site that will allow you to type in a
> latitude/longitude and get a great circle map centered on that
location?
>
> Thanks and 72,
>
> John Harper AE5X
> Outdoor QRP: <http://www.ae5x.com>
>
>
>

Date: Mon, 23 Sep 2002 07:57:52 -0400
From: Alex <kr1st@amsat.org>
To: hoglund@wfu.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [135787] Re: OP: The Joy of Slopers and the Genius of Dave Benson
Message-ID: <3D8F01C0.5F020942@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thanks for sharing your experiences, Ken. Very nice results you achieved there.

If I'm not mistaken, I think I just read that a sloper favors the

direction it slopes to. In your case it would be north. I could very well be wrong since I'm pretty new to any outside antenna after living with restrictions for a long time. :)

73,
--Alex

Kenneth Hoglund wrote:

> Best part---the 'sloper' top is
> due south, bottom end due north, and Tonasket, Washington 2,144 miles to
> the NW.

Date: Mon, 23 Sep 2002 07:04:51 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@lehigh.edu>
Subject: [135788] Re: OP: The Joy of Slopers and the Genius of Dave Benson
Message-ID: <000301c262f9\$6dd80e90\$1e36a6d8@Hal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ken,

Good job on the contact! QRP operation never ceases to amaze. I think that the reality is that with all else being equal, 1 watt could be heard for millions of miles if the earth wasn't in the way ;-) With a cooperative ionosphere it is amazing what can be worked. And many thanks to the guys that come up with these great little rigs!

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>
<http://aa5tb.texas.net/>

Date: Mon, 23 Sep 2002 08:44:55 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [135789] K2
Message-ID: <6579C6377F475547985F0B3E426E16260204DDF1@0CCLUST01EVS1.ugd.att.com>

content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

I broke down and bought a K2 that had been previously built. and it =
seems to work real good.=20
so far. I need find out what brand of mic it was wired for, or buy a mic =
and rewire it. Now that I have
another rig capable of more than 5 watts I don't think I will be needing =
the HFPack amp I have that
is still in the box. If anyone is interested in purchasing it please =
email or call me. I just don't have time
to put into constructing much anymore.=20

Marty Hartwell kd8bj
mehartwell@att.com
AT&T Columbus Ohio
PH:614-501-2503

Date: Mon, 23 Sep 2002 08:40:52 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [135790] Great circle map program - got it!
Message-ID: <000501c262fe\$74fc6b30\$6501a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Thanks to all those that replied. I downloaded the small (1.2M) program from
<http://hem.passagen.se/sm3gsj/gcm.htm> and it works great - exactly what I
was looking for.

Thanks again,

John Harper AE5X
Outdoor QRP: <http://www.ae5x.com>

Date: Mon, 23 Sep 2002 06:53:46
From: Tim and Michele Groat <tmgroat@peakpeak.com>
To: qrp-1@lehigh.edu
Subject: [135791] Re: "Anderson PowerPole"
Message-ID: <3.0.3.16.20020923065346.50e78e08@peakpeak.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Another tip for keeping the solder out of the working parts:
make gravity for for you, not against you! I clamp the wire
small vise, stripped side up. Then I put the contact over the
wire end, and poke small gauge solder through the opening.
Gravity helps pull the solder away from the contact's main
surface, and down into the wire barrel. Also, I keep the
dampened soldering sponge ready, to wipe off any drips on the
outside of the barrel. The process reminds me of soldering the
tips of RCA phono plugs, just on a larger scale.

72,

KR0U

Date: Mon, 23 Sep 2002 05:57:01 -0700
From: "JAKidz" <jakidz@pullman.com>
To: <qrp-1@lehigh.edu>
Subject: [135792] Non-resonant groundplane verticals?
Message-ID: <PMECLCODPFKGLKANCBLAOECOCEAA.jakidz@pullman.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings:

ON4UN's book explains the advantages of balanced but non-resonant elevated
radials (much easier to obtain balanced currents to maintain the vertical
null) and W4RNL's website explains the advantages of balanced but
non-resonant horizontal doublets of certain "magical" lengths and sufficient
elevation fed with balanced line and a tuner (covers a range of bands with a
more stable pattern). Given these, why doesn't the same advantage occur with
a non-resonant monopole of particular lengths over the balanced but
nonresonant elevated radials of the same length fed by paired line and a

tuner? Both authors appear to recommend only resonant monopoles. As a newbie, I'm likely missing something here but what?

Thanks and 73,

John, KD7OIU
Pullman, WA.

Date: Mon, 23 Sep 2002 08:54:17 -0400
From: "Ken Newman" <n2cq@dandy.net>
To: "List Elecraft" <Elecraft@mailman.qth.net>, "W3BG" <W3BG@arrl.net>, "EPA-QRP Club" <EPA-QRP@yahoogroups.com>,
Subject: [135793] NJQRP Homebrewer Sprint - WQ2RP Results
Message-ID: <002601c26300\$549fbde0\$559ffa42@18.95.182.twsn1.md.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

2002 Fall NJQRP Homebrewer Sprint

Call used: WQ2RP Location: NJ

Category: Single Op All Band Mode: CW Power: 5W

Callsign of Operator: N2CQ

If multi-operator, show calls of all operators and loggers:

Exchanged Information: WQ2RP RST NJ 5W

Hours of Operation: 02:24

band	QSOs	QSO points	mults
160	0	0	0
80	0	0	0
40	49	196	24
20	12	48	8
15	6	24	4
10	0	0	0
TOTAL	67	268	36

SCORE: 67 X 4 X 36 X 7 = 67,536

^^^^^^

Club or Team Name: NJ QRP Club

Comments: Thanks for your participation in the NJQRP Homebrewer Sprint. Hope you enjoyed it. Sri for the reduced operating time for WQ2RP due to unexpected family difficulty.

Equipment: Elecraft K1-4, Doublet & TA33jr tribander. 5 Watts.

I have observed all competition rules as well as all regulations for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the contest committee.

Date_____ Signature_____ Call_____

Name: Ken Newman
81 Holly Drive
Woodbury, NJ 08096

Call: N2CQ

Date: Mon, 23 Sep 2002 08:13:59 -0500
From: Bob Liesenfeld <robert.liesenfeld@neicoltech.org>
To: qrp-l@lehigh.edu
Subject: [135794] Re: S-parameters
Message-ID: <3D8F1397.4E41ACCD@neicoltech.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Chris,

If you have some S parameters worked up for the 2N2222, would you consider posting them?

Thanks!

Bob WB0POQ

Date: Tue, 24 Sep 2002 09:10:41 -0500

From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
To: qrp-l@lehigh.edu
Subject: [135795] Re: Replacing final on NC40A?
Message-ID: <5.1.0.14.2.20020924090739.02af8970@mail.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

George:

Gary Surrency had an article "NC40A on Steroids" in the Spring 2000 issue of QRPp.

This may not be the article you are thinking of, but lots of good stuff, including replacement of final.

"72" Dub

At 08:18 PM 9/22/2002 -0400, you wrote:

>Some time ago there was good article written on replacing/upgrading the
>final transistor of an NC40A ... wonder if anyone recalls which magazine and
>issue it was in? Or the author? Or any direct advice for doing this?

>

>TIA.

>

>73, George N2APB

> n2apb@amsat.org

-

J. W. (Dub) Thornton WA5YFY
Minco, OK.

Date: Mon, 23 Sep 2002 08:25:16 -0700
From: Brian Kassel <bkassel@mato.com>
To: QRP-L <QRP-L@lehigh.edu>, Larry Cruise <aa5ta@earthlink.net>, leskolb@hotmail.com
Subject: [135796] QRP-AFIELD Surprise - K7RE What a Blast!
Message-ID: <3D8F325C.D95ECC0A@mato.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks:

As we had to make a trip to the other side of SD, a 5 hour drive, to pick up my mother in law, I decided to go mobile for the contest with

the K1 and an external small gel cell battery. The antenna was an ancient Hustler magnetically mounted on the top of the car. I didn't want to miss this great event!

I really didn't expect to set the world on fire with this set up, but it would allow me to get on for the contest, and make just a few QSO', or so I thought.

What happened next was totally unexpected.

I began on 20M, but found that for some reason the K-1 wasn't putting out power on that band. So at the next "pit" stop. I changed the resonator to 15. The rig loaded up fine on that band. I didn't hear any QRP contesters', so put out a few CQ's on 21.060. A DL5 came back! It was obvious that he was participating in another contest. I gave him what I thought would probably be the correct exchange, and he seemed happy. I never did tell him that I was QRP, but as I signed K7RE/M, he at least knew that I was mobile. He also thanked me several times for the SD multiplier.

I went QRZ, and started working a string of DX which included SM3, DL6, DL8, OH0, LA7, and a great short QSO with PA0LPE who was running a K-2. I did eventually work lot's of QRP folks for the Afield contest, and some stations who were in the WA state QSO Party called me too.

I kept thinking of how amazing this all was. The antenna only 6 feet high, a very small radio running off of a small gel cell, and here I am going down the road (wife is driving of course) with DX calling ME!

Of course the real reason behind this euphoria was that the propagation on 15 was superb. However, there is a very important lesson to be learned here. *ALWAYS* try the higher frequency bands when looking for a QSO, contest or not. I know that this has been brought up before, but many still don't believe that a band can be open, or just don't take the few seconds to check. Remember, generally, the higher the open frequency, the easier it is to make QSO's on QRP.

High points in the contest itself were working Dave Benson, K1SWL, himself, AL7JK in AK, with a very nice signal QRP-QRP, HA7UG at 5W, and G3KYF/QRP. Also I think that it bears mentioning, that you antenna restricted folks should have renewed hope, now that we are heading into Winter, and the higher HF bands are picking up. Almost any wire antenna would have improved my signal I am sure, over my mobile whip. It IS indeed very possible to work DX during a contest, with a very minimal antenna, and 5W. The Key? Listen, try it! Just do it!

As always, thanks to the NE QRP club guys who put on this event. Now, to find out what has rattled loose on the 20M position of the K-1. Thank

goodenss that this rig is so darn easy to work on. My soldering iron was getting lonely anyway ;).

Brian K7RE

Date: Mon, 23 Sep 2002 15:27:33 +0000
From: k4vib@att.net
To: qrp-l@lehigh.edu
Subject: [135797] Measuring input/output impedance with resistors
Message-ID: <20020923152733.PNWE6141.mtiwmhc11.worldnet.att.net@mtiwebc21>

I remember seeing somewhere how one could measure input/output impedance with parallel resistors and it involved using the resistance where the power dropped in half. Could someone give me exact details on doing this for the input and output impedance of my RF stages?

Thanks,

Bill
K4VIB

Date: Mon, 23 Sep 2002 15:37:28 +0000
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [135798] Argonaut V Comments Welcome
Message-ID: <F721vbE0BPnMR3cBKZM000033b3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I just received a card from Ten-Tec which says:

At the TEN-TEC HAMFEST on Sept. 27 and 28, the ORION and ARGONAUT V rigs will be available for hamfest attendees to try out live on the HF bands.

The hardware is done, but the software development for these two new transceivers is taking longer than anticipated. We'll ship the ARGONAUT V by October 15th, and the ORION in November.

We appreciate your patience!

Ten-Tec, Inc. (800) 833-7373 sales@tentec.com

I will be reviewing the Argonaut V for CQ Amateur Radio, and I'd appreciate

any user comments, either on or off list. Hopefully, some folks will be able to get to Sevierville, Tennessee this coming weekend and fire up those rigs. I'd also be interested in comments from people who hear the Argonaut V on the air.

72,

Bruce Prior N7RR in Blaine, WA
n7rr@arrl.net

Join the world's largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Mon, 23 Sep 2002 23:01:30 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [135799] Fw: Another stupid question
Message-ID: <006401c2637f\$10f540e0\$6d74da0c@mchsi.com>

Glen: It seems you hit the nail on the head. I exchanged my linear pot for an audio taper. The results were very similar to what I saw from the linear taper that I had originally. This would seem to support your suggestion of a low impedance circuit. I ended up using a resistor to connect the hot terminal and the wiper as Jim suggests. Still not a linear response but it did move the response curve down to the first 30% of the pot. (much better for me)
Thanks for your reply and to all the others who have offered help with this issue.

73 to the group: Jerry NOJRN
----- Original Message -----
From: "Glen Leinweber" <leinwebe@mcmaster.ca>
To: <benlightnd13@mchsi.com>
Sent: Monday, September 23, 2002 9:58 AM
Subject: Re: Another stupid question

> Jerry,
> Jim's suggestion is the best I've seen from the replies sent
> to you (even better than my advice to substitute a 1K pot).
> It's really simple to try, and chances are very good that
> it'll solve your problem.
> -Glen

>
> [from Jim Kortge:]
> >Connect a 1K resistor from the top, or hot terminal of the pot to
> >the center wiper or middle terminal. That will move the overall
> >response curve down quite a bit. If 1K is too much, use a larger
> >resistor, like a 2.2K. If you really want to get scientific about
> >it, you can compute the required resistor value. It's a good
> >example of using Ohms law
>
>
>

Date: Mon, 23 Sep 2002 12:26:52 EDT
From: NB6M@aol.com
To: QRP-L@Lehigh.EDU
Subject: [135800] ON7GB, too, on 10
Message-ID: <15f.1458a480.2ac09acc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

Sure seems strange to hear EU stations calling CQ and getting no answer, hi hi.

10 Meter conditions very good this morning. Just worked ON7GB, Hugo, in Belgium, again with the little homebrew rig. Very exciting.

72

Wayne NB6M

Date: Mon, 23 Sep 2002 12:29:53 EDT
From: NB6M@aol.com
To: QRP-L@Lehigh.EDU
Subject: [135801] Happy Dance here on 10 Meters
Message-ID: <189.e71d994.2ac09b81@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

1534UTC 23 September 2002

Just had to share this one. I'm doing the happy dance here, big time, as I just finished a solid QSO on 10 Meters with Yves, F5PHY, near Sarlat.

The best part is that it was with my all homebrew 10 Meter transceiver, putting out ONE Watt, and with a simple DC receiver. Made my day, for sure.

Yves gave me a 519 report, he was 579, and I was more than happy with my report as Yves copied my QRP signal solid all the way.

Other signals heard on the little rig at this time are EA1, DJ7, and lots of east coast US. Going back to see if I can work some more EU while they are there. CUL.

Wow!

72

Wayne NB6M

Date: Mon, 23 Sep 2002 12:50:48 -0400 (EDT)
From: Jeff Strandberg <wv3b@us.net>
To: qrp-1@lehigh.edu
Subject: [135802] QRP Afield
Message-ID: <Pine.BSF.4.21.0209231242140.75867-100000@laurel.us.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tnx to the 3 or 4 dozen QRPers now in K0UU's log for 2002 QRP Afield. This was my first foray and it was a blast.

XYL and I traveled from Mpls 250 miles north nr Ely MN to button up her family's cabin for the winter. Within 15 minutes of arriving I was on the air with at 5w w/ K1 #1118, a 5aH gel cell, a TeNeKe, and a W3EDP longwire with a ZM-2 on the business end, the top of a 1950s era flagpole on the tail end. The 22 gauge wire dropped to within 6 feet of the ground from the top of the 30' wooden pole, so my expectations were minimal.

The chill in the air meant one 'honeydew'--build a fire--before doing anything involving DC or RF.

Haven't transferred the paper sheets to a logfile yet, but I worked abt 15

States and 4 countries (SM, PA, G, OH) mainly on 15m, and mostly calling CQ.

Both the K1 and the longwire (which I hadn't tried before -- I use a St Louis Vertical at home) performed flawlessly. 72, -Jeff K0UU

Date: Tue, 24 Sep 2002 00:11:33 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [135803] Audible Z-match tuner
Message-ID: <007c01c26388\$da3e1900\$6d74da0c@mchsi.com>

Anyone interested in building a tuner??

Here is a nice project just getting under way!!

<http://www.hfprojects.com/projects/hfpacker/HZM-1DESCRIPTION2.pdf>

This is being sponcored by Virgil Stamps (K500R) and you can find more details on his web page at

<http://www.hfprojects.com>

Virgil is taking names from intersted parties in preperation for the build. Check it out and drop him a line via his web page.

72 to the group: Jerry N0JRN

The usual disclaimer:

Date: Mon, 23 Sep 2002 09:11:50 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [135804] How Much do I Operate?
Message-ID: <020301c2631b\$f03b9a60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How many qso's have you made this year? I was sitting around last night,

reading through qrp-l, and I thought, hmmn, seems to be several guys on here who talk about operating, and several who operate keyboards only. I think it would be neat for us to post to the list how many qso's we've had this year, and the radios we have used to do it with. I'll start:

QSO's in 2002 - 43

Rigs used: NC20, Red Hot 40, K1

Antenna: NorCal Doublet fed with the infamous computer cable feedline.

How about you??

72, Doug

Date: Mon, 23 Sep 2002 12:37:58 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <ki6ds@dph.dpol.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135805] Re: How Much do I Operate?
Message-ID: <200209231736.MAA03483@gallium.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Mon, 23 Sep 2002 09:11:50 -0700, Doug Hendricks wrote:
>How many qso's have you made this year? =A0 I was sitting around=
last
>night, reading through qrp-l, and I thought, hmmn, seems to be
>several guys on here who talk about operating, and several who
>operate keyboards only. =A0 I think it would be neat for us to=
post to
>the list how many qso's we've had this year, and the radios we=
have
>used to do it with.

QSO's in 2002 (so far!) - 107

Rigs used: FT-817 (49), IC-718 [5-25W] (58), (Rock Mite is still=
a virgin)

Antennas: Long wire, Hamstick (mobile), Wire vertical, Buddipole

Tim, N9PUZ

<http://www.qsl.net/n9puz>

Date: Mon, 23 Sep 2002 12:56:00 est
From: brian@iquest.net

To: "Doug Hendricks" <ki6ds@dph.dpol.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [135806] Re: How Much do I Operate?
Message-ID: <3d8f55b0.a6b.0@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QSO's - Not counting Field Day - 172 (I try for 5 a week)

Rigs - NC40A, HW-9, Ten Tec Scout, SWL+ 20, SMK-1, TT2, K1, Rockmite

The SWL+, K1, and Rockmite were built this year....SWL+ 30, Rockmite 20, 2N2/40, Tiny Tornado Manahattan, and Multipig in progress....slow motion is more like it.

Antenna - Attic Dipole, and wire-slung-up-tree

I would consider myself a very casual operator, spending less than 4 hours a week on the air.

>QSO's in 2002 - 43
>Rigs used: NC20, Red Hot 40, K1
>Antenna: NorCal Doublet fed with the infamous computer cable feedline.

Date: Mon, 23 Sep 2002 09:43:54 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "Robin Kidd" <robink@us.ibm.com>, <qrp-1@lehigh.edu>
Subject: [135807] NorCal Doublet Antenna
Message-ID: <021701c26320\$6a0040e0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Robin and the group. The antenna that I use at my home qth is the NorCal Doublet. It is very easy to build. Get a piece of computer cable with 4 conductors 50 feet long. (Yeah, the gray stuff). Next measure off 22 ft. I step it off, but you can use a ruler or a yardstick or a meter stick (don't forget to do the conversion, grin) or even a tape measure. But somehow determine where 22 feet is. Strip the outer two conductors down to the 22 ft mark. These will become the two legs of the dipole. Cut off the inner two conductors about 2 inches above the 22 ft. mark, i.e. at 21 ft. 10 in. Now loop this the remaining two inches of the center two conductors

through the eye of a #1 fishing swivel and secure with a cable tie.. Hoist the swivel into the air as high as you can get it, it is the center support for your doublet. Tie string to the ends of the two 22 ft. sections and tie off to supports. The remaining 28 ft. of computer cable now becomes your feedline. Tah Dah. You are finished. You now have a NorCal Doublet. You need to use a balanced line tuner with it, MFJ, NorCal BLT, or ZM-2, but it will tune on all bands 10 - 40 and give the same basic coverage pattern on all bands. This antenna was developed by me from ideas stolen from Dave Gauding and Jim Duffey. It works great, I have had many, many qso's on it. It is easy to put up and take down, stores in a baggie, and is fun to use. It isn't a beam, but it will be effective for you. I have worked 46 states and 7 foreign countries with mine in very casual operating. All with less than 5 watts of power. Hope this helps. 72, Doug

----- Original Message -----

From: "Robin Kidd" <robink@us.ibm.com>

To: <ki6ds@dph.dpol.net>

Sent: Monday, September 23, 2002 10:33 AM

Subject: Re: How Much do I Operate?

>

> Doug,

> Could you describe the "computer cable feedline" that you have set up.

I

> would like to set this up also. Thank-you.

>

> Regards,

>

> Robin J. Kidd

> KG4RSQ

> Network Engineer

>

>

> Remember, the Ark was created by inspired amateurs but the Titanic was

> created by professionals...

>

> kg4rsq@arrl.net

>

>

>

> "Doug Hendricks" <ki6ds@dph.dpol.net>@Lehigh.EDU on 09/23/2002 12:11:50 PM

>

> Please respond to ki6ds@dph.dpol.net

>

> Sent by: owner-qrp-1@Lehigh.EDU

>

>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> cc:
> Subject: How Much do I Operate?
>
>
>
> How many qso's have you made this year? I was sitting around last night,
> reading through qrp-l, and I thought, hmmn, seems to be several guys on
> here
> who talk about operating, and several who operate keyboards only. I
think
> it would be neat for us to post to the list how many qso's we've had this
> year, and the radios we have used to do it with. I'll start:
>
> QSO's in 2002 - 43
> Rigs used: NC20, Red Hot 40, K1
> Antenna: NorCal Doublet fed with the infamous computer cable feedline.
> How about you??
> 72, Doug
>
>
>
>

Date: Mon, 23 Sep 2002 13:56:13 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: jakidz@pullman.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135808] Re: Non-resonant groundplane verticals?
Message-ID: <3D8F55BD.7FE5EBE4@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Well, my GOTHAM 20' vertical worked great in the early 1950's. They sold hundreds of them and were used all over the world. Inexpensive and worked. Now watch all the people come out of the woodwork and say a wet string works too... It all depends on your perspective on how well something works! It works, it works and that is the end of the story. I really do not want to hear that it was only 9% efficient. So what! If you get a 599, do you really need to get a 599+5Db??? not in my book. If I can work 'em with 250 mW and a wet noodle, i need no better antenna! I do not need to "bend the needle" at

the other end.

Jerry
W3CDE
Atlanta, GA

JAKidz wrote:

>
> Greetings:
> ON4UN's book explains the advantages of balanced but non-resonant
elevated
> radials (much easier to obtain balanced currents to maintain the vertical
> null) and W4RNL's website explains the advantages of balanced but
> non-resonant horizontal doublets of certain "magical" lengths and sufficient
> elevation fed with balanced line and a tuner (covers a range of bands with a
> more stable pattern). Given these, why doesn't the same advantage occur with
> a non-resonant monopole of particular lengths over the balanced but
> nonresonant elevated radials of the same length fed by paired line and a
> tuner? Both authors appear to recommend only resonant monopoles. As a
> newbie, I'm likely missing something here but what?
>
> Thanks and 73,
>
> John, KD7OIU
> Pullman, WA.

Date: Mon, 23 Sep 2002 13:54:31 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [135809] Re: How Much do I Operate?
Message-ID: <3D8F1D17.15104.1064B61D@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 23 Sep 2002 at 9:11, Doug Hendricks wrote:

> How many qso's have you made this year? I was sitting around last night,
> reading through qrp-1, and I thought, hmmn, seems to be several guys on here
> who talk about operating, and several who operate keyboards only. I think
> it would be neat for us to post to the list how many qso's we've had this
> year, and the radios we have used to do it with. I'll start:
>
> QSO's in 2002 - 43

> Rigs used: NC20, Red Hot 40, K1
> Antenna: NorCal Doublet fed with the infamous computer cable feedline.
> How about you??
> 72, Doug
>

Had to go looking in the DX4WIN log. Not counting 360 QSOs in Field Day, or QRP Contests such as Bubba, ARCI QSO Party, QRPTTF and QRP Afield.

QSOs: 469

Rigs Used: K2, K1, Ft817, CX7A, OmniC, Paragon, Rockmite, ArgoII, Kachina505DSP, TS130V, TS-520S, Viking Ranger+RME6900. Signal Shifter EX + NC101X. TT Scout, Argo515, HT18/S53A.
Antennae: KT34A @ 50', Trap Dipole 80/40, 30M Dipole, 300' loop.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
 _ / _ / _ / _ / _ / QRPARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Mon, 23 Sep 2002 17:58:02 GMT
From: Thomas Jennings <jennings@eznet.net>
To: qrp-l@lehigh.edu
Subject: [135810] Re: How Much do I Operate?
Message-ID: <20020923175802.27475.qmail@eznet.net>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Doug Hendricks writes:

> How many qso's have you made this year? ...

Here is what I have done so far 2002:

Mobile:	180
As Fox:	150
Home:	50
Contests:	200
=====	
Total	585

My mobile station is an IC705 and Screwdriver antenna
My home station station is TS850 and 40 meter quarter wave vert

Contests sure helps to accumulate QSOs!!

73,
Tom kv2x

Date: Mon, 23 Sep 2002 13:24:22 -0500
From: "Walter AG5P" <walter@accessus.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135811] Re: How Much do I Operate?
Message-ID: <01b501c2632e\$71176800\$9f466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not counting contest, FD, etc, just running simple
pleasurable QSOs the logsheet shows 78, all QRP
CW or SSB.

Rigs: Patcomm PC-500, Oak Hills Sprint's, Pixie II
 and Ten-Tec 1340.
Antenna: 40 meter horizontal loop, 80 meter inverted vee,
 160 meter horizontal loop, 50 foot end fed wire.

72 / 73...Walter, AG5P

Date: Mon, 23 Sep 2002 14:42:10 -0400
From: Donn Kuse <casey.jay@gte.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135812] Re: How Much do I Operate?
Message-ID: <3D8F6081.745815CF@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I, too, am a casual operator. Getting on when I can

QSO's in 2002: 50
Rigs used: TS 140S, Patcomm PC-500
Antenna: Buddipole (up 12'), A99 Vertical (up 25'), Hamstick Dipole (up 25'),
Inv V up 25' ft.
Most interesting QSO: The Netherlands (5 watts), Kuwait (85 watts)
72, Donn, WB4ZWT
67 and still learning

Doug Hendricks wrote:

> How many qso's have you made this year? I was sitting around last night,
> reading through qrp-l, and I thought, hmmn, seems to be several guys on here
> who talk about operating, and several who operate keyboards only. I think
> it would be neat for us to post to the list how many qso's we've had this
> year, and the radios we have used to do it with. I'll start:
>
> QSO's in 2002 - 43
> Rigs used: NC20, Red Hot 40, K1
> Antenna: NorCal Doublet fed with the infamous computer cable feedline.
> How about you??
> 72, Doug

Date: Tue, 24 Sep 2002 13:53:10 -0500
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
To: qrp-l@lehigh.edu
Subject: [135813] Re: How Much do I Operate?
Message-ID: <5.1.0.14.2.20020924134640.015a75c0@mail.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Y'all:

QSO's made in 2002 to date: 208 (all ragchew). Rigs used K-2, Scratch
built SST, NW-30, OHR Classic,
Tuna Tin II, Triton IV, Argosy, Delta 580, Omni C, Corsair II, Omni V, Omni
VI. Yeah, I am a Ten Tec Nut.
Antennas 290' horiz delta loop, butternut vert, 4 ele 20M monoband yagi @50'.

"73" Dub

At 09:11 AM 9/23/2002 -0700, you wrote:
>How many qso's have you made this year? I was sitting around last night,
>reading through qrp-l, and I thought, hmmn, seems to be several guys on here
>who talk about operating, and several who operate keyboards only. I think

>it would be neat for us to post to the list how many qso's we've had this
>year, and the radios we have used to do it with. I'll start:

>

>QSO's in 2002 - 43

>Rigs used: NC20, Red Hot 40, K1

>Antenna: NorCal Doublet fed with the infamous computer cable feedline.

>How about you??

>72, Doug

-

J. W. (Dub) Thornton WA5YFY

Minco, OK.

Date: Mon, 23 Sep 2002 12:52:51 -0600

From: "P. Ermisch" <ermisch@usa.net>

To: <ki6ds@dph.dpol.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [135814] Re: [How Much do I Operate?]

Message-ID: <200209231855.g8NIItBW1002346@rain.CC.Lehigh.EDU>

Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

"Doug Hendricks" <ki6ds@dph.dpol.net> wrote:

> How many qso's have you made this year? =

With a few logs not entered into LOGic, it's around 400. Mostly QRP and
fixed, but more than a few mobile and QRP/QRO.

rigs: K1, K2, Rockmite/40, FT100D (mobile)

ants: multiband dipole, DK9SQ 40-10 loop, ATAS-100 screwdriver

Paul KB0LUR

Date: Mon, 23 Sep 2002 11:08:04 -0700

From: "Rich Wilkerson" <richqrp@cox.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [135815] Re: How Much do I Operate?

Message-ID: <001c01c2632c\$29cc9760\$945a0844@cx55215a>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't really keep count. But I make at least three contacts a day. Never used the keyboard for a contact. Rigs are, FT 101E, DX 40(my original rig), IC737, Alnico 77, FT 817, a few HT's and about 8 homebrew (tubes and that other new stuff, transistors) QRP rigs .

73's Rich,WD6FDD
----- Original Message -----

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, September 23, 2002 10:37 AM
Subject: Re: How Much do I Operate?

> On Mon, 23 Sep 2002 09:11:50 -0700, Doug Hendricks wrote:
> >How many qso's have you made this year? I was sitting around last
> >night, reading through qrp-l, and I thought, hmmn, seems to be
> >several guys on here who talk about operating, and several who
> >operate keyboards only. I think it would be neat for us to post to
> >the list how many qso's we've had this year, and the radios we have
> >used to do it with.

Date: Mon, 23 Sep 2002 15:18:13 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135816] Re: How Much do I Operate?
Message-ID: <003401c26335\$f6e8e5b0\$3e075dd8@jhuffman1t>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Something over 900 not counting Field Day.

Rigs - Omni V, K1
Antenna - Center fed 180' dipole at 35 feet.

73 de K8HJ
John

Date: Mon, 23 Sep 2002 11:28:28 -0800
From: Jim Larsen - AL7FS <JimLarsen2002@alaska.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135817] Re: How Much do I Operate? AL7FS
Message-ID: <3D8F6B5C.56D0AC9A@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QSOs in 2002 - 189
QSOs past 12 months - 508

Rigs used: K2, TS450S, NC20A, QRP+, K1
Antenna: KLM KT34A at 40 feet, Trap Inverted V at 36 feet for 80/40
+ KL7Y antenna farm

73, Jim

--

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs/>

Date: Mon, 23 Sep 2002 12:28:52 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [135818] RE: How Much do I Operate?
Message-ID: <GNEOLGDJDOPEALHJMKLCMECGCAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This year has been bad for me as far as operating goes, with the move to an apartment, etc.

And I don't log ... is that a sin?? Hi

BUT - I can say that I've made about 5 - 8 contacts off my 817 and various dipoles strung out in the mountains at Forrest Falls a few months back.

Sooner or later I'll conquer an apartment antenna ... haven't had the guts to climb up in the attic and string up a dipole over the neighbors places ;)

But I have to say, I've never really been one to do a heck of a lot of

operating. From time to time (over the last 26 years ...) I've found 'regular' groups I like to join in with at 'regular' times, usually SSB, but that's been a while.

The majority of my operating is to 'prove out' stuff I build. Indeed, when I was 12, the only reason I actually got licensed was so that I could test my stuff 'on the air.'

That's why I love this group - so much building going on. If you guys saw all the stuff I've started and never finished ... well, I don't need that kind of shame hi. But those half-finished projects sure make a good source of recycling parts!!

Run it up
Tracy N4LGH

Date: Mon, 23 Sep 2002 14:38:10 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <ki6ds@dph.dpol.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135819] Re: How Much do I Operate?
Message-ID: <003f01c26338\$bfeb9140\$3f20be42@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

These are all qrp contacts.... I didn't count qro stuff. Looks like lots but I entered a contest or two as well as field day. My operating is actually down as usual in the summer. Think I had the home station on only twice since April. QRP contacts are all in the field.... camping and such. My overall operating picks up in the winter.

QSO's in 2002: 268 +/- (oddly... mostly ssb although cw and psk-31 (warbler) is represented as well)
Rigs used: K1, FT-817, SW40+, Omni V.9
Antennas: Inverted V (Gusher), MP-1 vertical and Gap Titan DX vertical

73 de Mike, W9WIS

Date: Mon, 23 Sep 2002 15:49:27 -0400
From: Jimmy Lee <jrllaudio@bellsouth.net>
To: ki6ds@dph.dpol.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135820] Re: How Much do I Operate?
Message-ID: <3D8F7047.AE05F44@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

701 in 2002

Rigs: Wilderness Radio NC-40A, Kenwood TS430S running 5 watts or less.

All CW QRP

Antenna is 270 foot horiz. delta loop fed with 450 ohm balanced line.. (used a center feed 180 foot dipole, fed with balanced line, several months before erecting the loop)

Jimmy, AE4DT

NOGA

K-2 owner, about half built

Doug Hendricks wrote:

> How many qso's have you made this year? I was sitting around last night,
> reading through qrp-l, and I thought, hmmn, seems to be several guys on here
> who talk about operating, and several who operate keyboards only. I think
> it would be neat for us to post to the list how many qso's we've had this
> year, and the radios we have used to do it with. I'll start:
>
> QSO's in 2002 - 43
> Rigs used: NC20, Red Hot 40, K1
> Antenna: NorCal Doublet fed with the infamous computer cable feedline.
> How about you??
> 72, Doug

Date: Mon, 23 Sep 2002 16:02:47 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [135821] Re: How Much do I Operate?
Message-ID: <5.1.0.14.2.20020923160147.00aa6698@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Rigs used:
Elecraft K2
QSO's in 2002 -
 FD - 800
 Other contests - 600
 ragchews - abt 125
 checked into the Michigan Section NTS net - 170
 90% CW

Icom 746
 Maybe 50!

RockMite40
QSO's in 2002 - 15

Antenna: G5RV @ 70' and a HyGain Patriot vertical

73 Hank K8DD

Date: Mon, 23 Sep 2002 16:14:56 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w3cde@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135822] Re: Non-resonant groundplane verticals?
Message-ID: <3D8F7640.E8BEB0A2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

But, remember, your Gotham vertical was brought to resonance by a loading coil. This is a different antenna than a monopole over a ground plane. Did you actually have a ground plane?

73

Date: Mon, 23 Sep 2002 16:18:11 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [135823] Re: How Much do I Operate?
Message-ID: <000301c2633e\$57435d70\$6501a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Jan 2002 to date:

423 QSOs both QRP and QRO (100 watts)
(385 CW, 38 phone)

Yaesu FT-840 and Elecraft K2
40m dipole up 65' fed w/ladder line used on 10m - 40m, 80m dipole up 65'

John Harper AE5X
Outdoor QRP: <http://www.ae5x.com>

Date: Mon, 23 Sep 2002 16:19:09 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [135824] Re: How Much do I Operate?
Message-ID: <000701c2633e\$796835b0\$6501a8c0@Home>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

That's a K1, not a K2...

John Harper AE5X
Outdoor QRP: <http://www.ae5x.com>

Date: Mon, 23 Sep 2002 16:20:34 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ki6ds@dph.dpol.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135825] Re: How Much do I Operate?
Message-ID: <3D8F7792.92E3A4C9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, 2002 has not been a good year, what with my illness, but I managed

about 40 QSO;s in the first half of the year. I have not ben on since July.

I have used the TS130V, the TS830S, the TS940S, and the TS850S. Yes, I am a Kenwood bigot!

73

Date: Mon, 23 Sep 2002 16:42:06 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135826] Re: How Much do I Operate?
Message-ID: <007601c26341\$aafc766a0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This has been an odd year for me. 277 QSOs not counting 2m FM and packet, 238 of them QRO. (I know, I know). I've done almost no operating this year, but I have been checking into a traffic net almost nightly, which accounts for the QRO stuff. My log shows zero HF phone contacts in 2002, although I think I made 3 last calendar year.

Rigs: K1 to dipole for 20
706MkII for others (mostly 80) to homebrew vertical,
loop, when mobile Hustler for 80, Hamstick
for 20/30/40.

I'm a little bit in "stand down" mode right now on most QRP contacts. Plan to get more active whenever I get a true homebrew 20 meter rig finished. Meanwhile, when I can get away from other demands, I'm melting solder rather than operating. (Although ARES/RACES stuff seems to be taking a lot of time lately.)

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
Subject: How Much do I Operate?

> How many qso's have you made this year? I was sitting around last night,
> reading through qrp-l, and I thought, hmmn, seems to be several guys on

Date: Mon, 23 Sep 2002 13:49:59 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [135827] How Much Do I Operate?
Message-ID: <20020923204959.29738.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Lets see, 225 ssb dx qso's all at 5 watts using a
TenTec Argo 556 (the qrp Scout) and an indoor 20 meter
dipole feed with 300 ohm twinlead. This is just the
random qso's, does not include the contest totals.

Yes, I am a TenTec freak and a dxer.

73 Bill kc4atu

Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
<http://sbc.yahoo.com>

Date: Mon, 23 Sep 2002 17:09:01 -0400
From: Larry - WA2DGD <wa2dgd@comcast.net>
To: ki6ds@dph.dpol.net,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [135828] Re: How Much do I Operate?
Message-ID: <00a301c26345\$70fa4ba0\$6401a8c0@hamroom>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

QSO's in 2002...100 with K2 CW only
4 with SWL+20 just completed last week.
Antenna: 10-15-20m Triband yagi
12-17-30-40-80m G5RV

73
Larry
WA2DGD
K2 #1672
ARCI QRP #11215

NJ-QRP# 395

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, September 23, 2002 12:11 PM

Subject: How Much do I Operate?

> How many qso's have you made this year? I was sitting around last night,
> reading through qrp-1, and I thought, hmmn, seems to be several guys on
here

> who talk about operating, and several who operate keyboards only. I
think

> it would be neat for us to post to the list how many qso's we've had this
> year, and the radios we have used to do it with. I'll start:

>

> QSO's in 2002 - 43

> Rigs used: NC20, Red Hot 40, K1

> Antenna: NorCal Doublet fed with the infamous computer cable feedline.

> How about you??

> 72, Doug

>

Date: Mon, 23 Sep 2002 16:20:53 -0500

From: "Jeff Mitchell" <jeffmit@datastratinc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [135829] Re: How Much do I Operate?

Message-ID: <005401c26347\$19f4d9e0\$6501a8c0@datastratinc.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

FT-990 plus Henry 2k Q's = 1339

FT-817 Q's = 594

Jeff, N4YQ

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, September 23, 2002 11:11 AM

Subject: How Much do I Operate?

> How many qso's have you made this year? I was sitting around last night,

> reading through qrp-l, and I thought, hmmn, seems to be several guys on
here
> who talk about operating, and several who operate keyboards only. I
think
> it would be neat for us to post to the list how many qso's we've had this
> year, and the radios we have used to do it with. I'll start:
>
> QSO's in 2002 - 43
> Rigs used: NC20, Red Hot 40, K1
> Antenna: NorCal Doublet fed with the infamous computer cable feedline.
> How about you??
> 72, Doug
>
>

Date: Mon, 23 Sep 2002 14:21:32 -0700
From: Michael McCarty <k6mmc.qrp@thehunted.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135830] Re: How Much do I Operate?
Message-ID: <5.1.1.6.0.20020923133947.00b85f80@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Feb 2002 is the first I've been active on HF and still remain active in the
500-800z, mostly running with 20-50 watts, with 46 QSO's at 5 watts.

QSO's in 2002 - 1249, about 125 of them ragchews, 150 from contests
SSB: 1070
PSK and other Digital Modes: 128
CW: 51

Rigs used: Icom 746, FT-817
Antenna: Butternut HF9V, Buddipole

One highlight was getting a phone call from someone relaying a welcome to
FISTS message via the Mission Trail Net message handling net. (their
callsigns escape me at the moment). The last week I've had particularly
nice late night QRP QSO's around 0600z to both the east coast and the south
pacific.

72/73,
Michael

At 09:11 AM 9/23/2002, Doug Hendricks wrote:

>How many qso's have you made this year? I was sitting around last night,
>reading through qrp-l, and I thought, hmmn, seems to be several guys on here
>who talk about operating, and several who operate keyboards only. I think
>it would be neat for us to post to the list how many qso's we've had this
>year, and the radios we have used to do it with. I'll start:
>
>QSO's in 2002 - 43
>Rigs used: NC20, Red Hot 40, K1
>Antenna: NorCal Doublet fed with the infamous computer cable feedline.
>How about you??
>72, Doug

Date: Mon, 23 Sep 2002 14:17:55 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [135831] "Half-Brew" and gears!
Message-ID: <GNEOLGDJDOPEALHJMKLCMECJCMAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey guys!!

I dug out an old CB case I had acquired some years ago and put a reduction tuning gear into it. For me, this is two milestones - my first attempt at gears and reduction drive tuning, and using a commercial cabinet for a project.

Those old CB's can be a gold mine! This one had a good working power supply, but the rig was obviously smoked so I gutted it - the inside has a beautiful open space with lots of neat mechanical useful mounts for things like PA transistors, regulators, tuning, etc.

I put up a little page for my bragging - pictures, lots of 'em so it may download slow. The domain is mine, neat name huh? Since I sold bytemark.com to CWS, I will have to take my personal stuff down from there so I got a cool patriotic domain that I have no idea what I'm going to do with yet. Some company offered me \$500 for the name, so I guess I picked a good one!

So much fun ...

<http://www.waveguide.us/projects/half-brew.html>

Thanks for the bragging bandwidth! What would YOU build in it??
Tracy N4LGH

Date: Mon, 23 Sep 2002 14:55:08 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <tracy@bytemark.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135832] Re: "Half-Brew" and gears!
Message-ID: <001101c2634b\$e26daa10\$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

O-o-o-h! Drool! Lots of potential there Tracy. Don't let this one get
back into the junque box.

=====
Bill Jones - <><
Sanger, California
=====

----- Original Message -----
From: "Tracy Markham" <tracy@bytemark.com>
Subject: "Half-Brew" and gears!

> Hey guys!!
>
> I dug out an old CB case I had acquired some years ago and put a reduction
> tuning gear into it

Date: Mon, 23 Sep 2002 17:56:28 -0400
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [135833] Re: How Much do I Operate?
Message-ID: <5B44D2FC.27F3A736.00790130@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Well, I've been sporatic! The Flying Pigs Challenge had me
on the air a LOT in January. I got 100 countries from 338 QSOs in January QRP,
but didn't get WAS QRP until this month!

My crummy antlers obviously have low take off angles.) I took 4 months off and got back on in August. I have 688 QSO's total for 2002 so far.

Rigs: Elecraft K2, Multi-Pig#4, 2n240, SW40+, 38Special, NC20 and the venerable NC40a still set for the "Novice" part of 40.

Antennas: G5RV Jr. up 15ft.; St. Louis Vertical; a Kinda Silly Broken Stealth Windom now up 15 feet (BOY do I miss the Infamous Attic Dipole!)

"More with less" works for me. Nice thread Doug!

-MAC-
AF4PS
Odessa, FL

Date: Mon, 23 Sep 2002 18:25:08 EDT
From: n5ib@juno.com
To: qrp-1@lehigh.edu
Subject: [135834] PCB UV exposure frame for swap
Message-ID: <20020923.172154.4631.0.n5ib@juno.com>

For folks with a passionate interest in making PC boards with the photo resist method:

I have been given a Kepro BTX-200A Ultraviolet Exposure Frame in very good cosmetic shape (no corrosion at all - just the odd scuff marks) and excellent working condition, all five UV tubes are good, the timer runs, and the foam pad is still resilient. It saw but modest use over the past 8-10 years. Probably no more than 40 hours on the tubes. Would like to make a swap for some radio/QRP treasure... This is apparently the same as the current model offered by Kepro.....quoting from the Kepro web pages <[http://www.kepro.com/dfeqip.htm#Model BTX-200A](http://www.kepro.com/dfeqip.htm#Model%20BTX-200A)>:

"Exposure of photosensitive coatings in less than 2 minutes is possible with the Kepro BTX-200A Exposure Frame. A 10 minute timer extinguishes high output UV lamp at the end of the exposure cycle. Heavy foam padding provides excellent contact pressure between the negative and the light sensitive surface to be exposed. A pin

registry rail is provided for easy side pattern registration. Four .125" diameter pins are positioned on 0", 4", 8" and 10" centers. Hole patterns punched with the Kepro PH-6 shear attachment match this pin rail. The cabinet construction of the BTX-200A is PVC.=20

Electrical requirements: 115V AC, 3 Amp., 60 HZ

Size: 19=BD"L x 16=BD" W x 6"H.=20

Shipping weight - 36 lbs.

Model BTX-200A. Net Price \$939.00"

Depending on the nature of the trade I'd be willing to consider participating in the shipping charges which will likely be in the \$30 - \$40

range. What would I consider a "trade made in QRP heaven" ????? hmmm perhaps an unbuilt K1-4/KAT1..... a ham's allowed his fantasies, isn't he :^))

72

Jim N5IB

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 23 Sep 2002 22:26:10 -0400

From: "Juan Ferrari" <puntrad@usa.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [135835] Re: How Much do I Operate?

Message-ID: <005901c26371\$c072d2c0\$280c410c@puntana.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well....2002 is going fine.

I made 479 QSOs not counting contests.

422 QRP and 57 QRO

412 CW

62 PSK 31 (52 QRO 10W)

5 RTTY (5 QRO 10W)

Rigs: Emtech NW-20

SW PSK-20

MS-15

HTX-100

Antennae: nested dipoles in my living-room fed with mini 8/U. BLT from NORCAL.

72

Juan - KG4FSN

Date: Mon, 23 Sep 2002 17:32:21 -0500

From: Lew Paceley <lew@paceley.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [135836] Re: How Much do I Operate?

Message-ID: <001301c26351\$14d80f40\$6501a8c0@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=Windows-1252

Content-transfer-encoding: 7BIT

In 2002, 263 Qs all together excluding 2m FM. I spend the bulk of my operating time chasing DX in and out of contests, the occasional QRP contest (thanks NJQRP for last nights sprint!), and I try to make the fox hunts every week. 10 meters is the band I primarily operate SSB on, nearly always QRP (5W) but occasionally 20W or 50W depending on how bad the QSB is.

QSOs by mode: 80% CW, 20% SSB with 3 PSK31 QSOs.

QSOs by band: Over 100 Qs on 10m alone. Over 60 Qs on 20m and more than 50 Qs on 40m. 30m is a distant fourth at 18 Qs and 15m just a little less at 16 Qs. A handful of Qs on 17m. I want to spend more time on 30m, 17m and 15m DXing this fall.

Rigs: FT1000MP, K1, SMK-1, Rock Mite 40m (20m soon!). I also have an OHR100A for 30m and Icom751A but both are now backup rigs.

Antennas: End fed 85' Inverted L with top at 27'. The antenna connects directly to the antenna tuner with only a short 6' feedline to the rig from the tuner. Earlier in the year I had a 66' end fed inverted V drooped over the apex of the roof at 25'.

I clearly have an antenna deficiency which I'll start working on this winter :-)

72/73,
Lew
N5ZE

Date: Mon, 23 Sep 2002 18:36:55 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135837] RE: How Much do I operate?
Message-ID: <3D8F9787.2B8B29EF@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Easy answer--NOT ENOUGH! :-)

For 2002 so far 65 qsos; nearly all on 20m, most using attic dipole

Rigs K'wood TS-180S
White Mountain 20m

Vast majority have been ssb at 2-3 watts (depending if I'm battery operated or not: I tend to run the battery pretty far down before switching to power supply. Been known to go until power out doesn't wag the meter).

So far need about 25 more states for WAS with the White Mountain;
lot's of DX, mainly via PSK-31.

Operating gets crammed in between other odds and ends of an overly busy life by me, the xyl, and the teen-aged harmonics!

73
Ken KG4FGC

Date: Mon, 23 Sep 2002 17:40:36 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [135838] Re: How Much do I Operate?
Message-ID: <5.1.1.6.0.20020923123541.00a22d00@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Doug,

Looks like 526 contacts so far in 2002 - mostly ragchews, some DXing, some QRP contesting, 99% on CW. You really peaked my curiosity with your post. I can't ever remember checking the tally before this.

Rigs here include: Corsair I, Argosy II, Argo 515, Argo 509, HW-8, DSW-20, Backpacker II, SMK-1, SWL-30+ and a little Mighty-Mite milliwatt transmitter.

Antennas here include: St. Louis Express, St. Louis Quickie, St. Louis Pocket Vertical, St. Louis Vest Pocket Vertical, St. Louis Loop, St. Louis Doublet on a St. Louis Shaft and a Random Wire Vertical.

Also using a Super Gain Doublet for 40m NVIS. And for 160m, about 75' of that infamous computer cable feedline fed against the cold water inlet of the basement potty. <g>

All portable antenna stuff - quick set-up and teardown.

Nice idea/post, Doug.

de Dave, NF0R nf0r@slacc.com

Date: Mon, 23 Sep 2002 17:50:42 -0500
From: Len Revelle <lenrev@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [135839] Re: How Much do I Operate?
Message-ID: <tu5vouobd6s8ckjoq17o7o1bdjv5njinmt8@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Mon, 23 Sep 2002 09:11:50 -0700, you wrote:

I think
>it would be neat for us to post to the list how many qso's we've had =
this

>year, and the radios we have used to do it with. I'll start:
>

QSO's since 01/01/2002 =3D 1347 (1338 QRP)
Rig used - FT817=20
Antenna - A4s @ 56', KLM 40 rotary dipole @ 68', 80M. Sloper
Cushcraft VHF/UHF Log @ 62', HB Buddipole, 1/2 waves
Modes - CW (primarily), SSB, PSK31
Most QSO's during contests
 Len Revelle N9IJ
 lenrev@ameritech.net
 AMA 60055 LSF 7492
My career goal is to retire.

Date: Mon, 23 Sep 2002 17:57:42 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [135840] How Much do I Operate?
Message-ID: <Pine.LNX.4.44.0209231750420.10944-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In the past 12 months (Sweepstakes & FD included):

Approximately 600 QSOs including 394 in Sweepstakes and 70 on FD.

Rigs: Ten-Tec OMNI V, Tokyo Hy-Power HT-750, Wilderness Sierra, FT-817,
mobile IC-706

Antennas: Dipole, Screwdriver vertical

Power output: All but a handful made at 2-3 watts

Mode: 94 SSB (sweepstakes), the remainder CW

Favorite QSOs: 35wpm 4-way ragchews on the way to work

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

End of QRP-L Digest 2687
